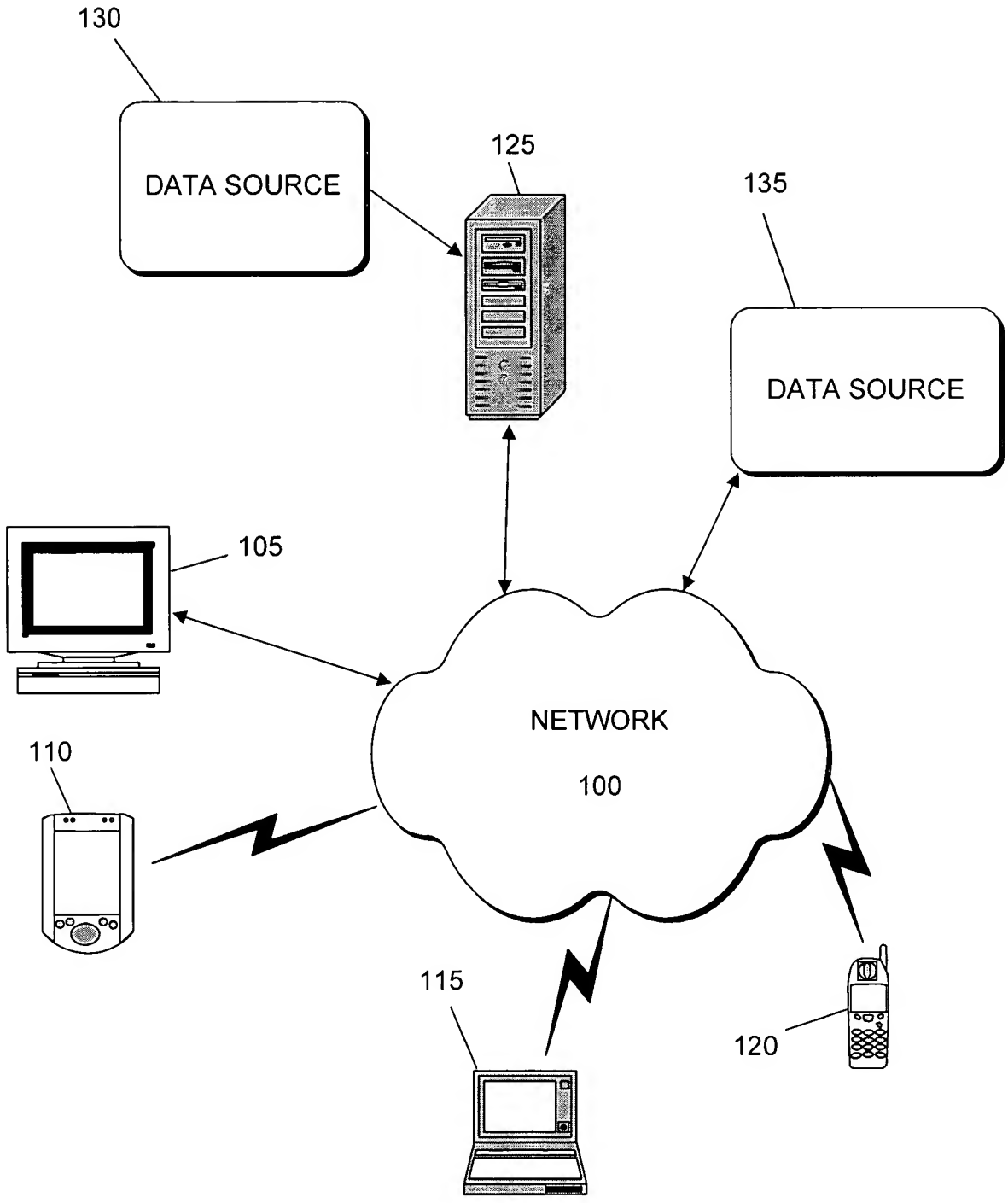
130
DATA SOURCE
125
135
DATA SOURCE
105
NETWORK
100
110
115
120

FIG. 1

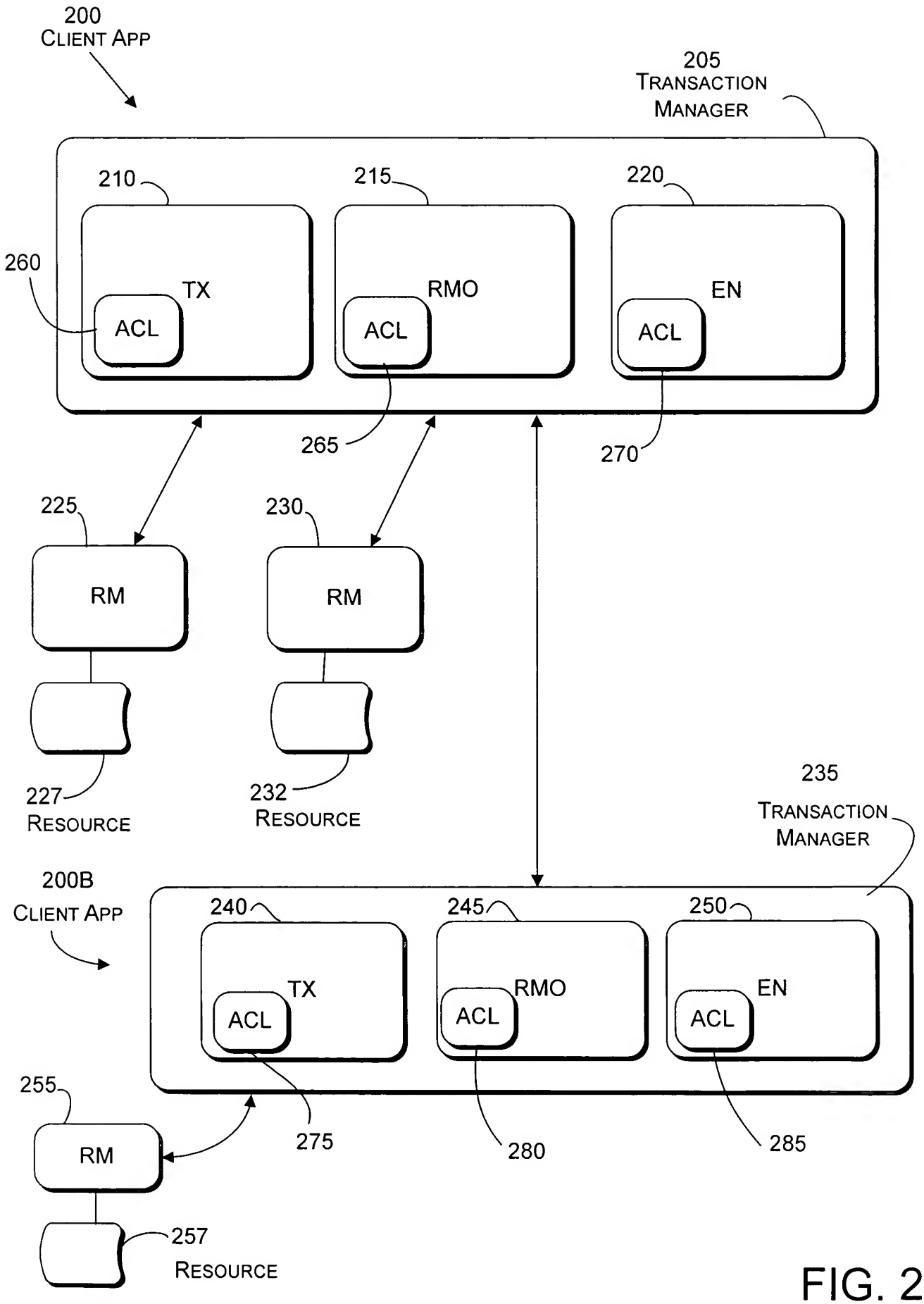
200
CLIENT APP
205
TRANSACTION
MANAGER
210
215
220
260
TX
RMO
EN
ACL
ACL
ACL
265
270
225
230
RM
RM
227
RESOURCE
232
RESOURCE
235
TRANSACTION
MANAGER
200B
CLIENT APP
240
245
250
TX
RMO
EN
ACL
ACL
ACL
255
RM
275
280
285
257
RESOURCE

FIG. 2

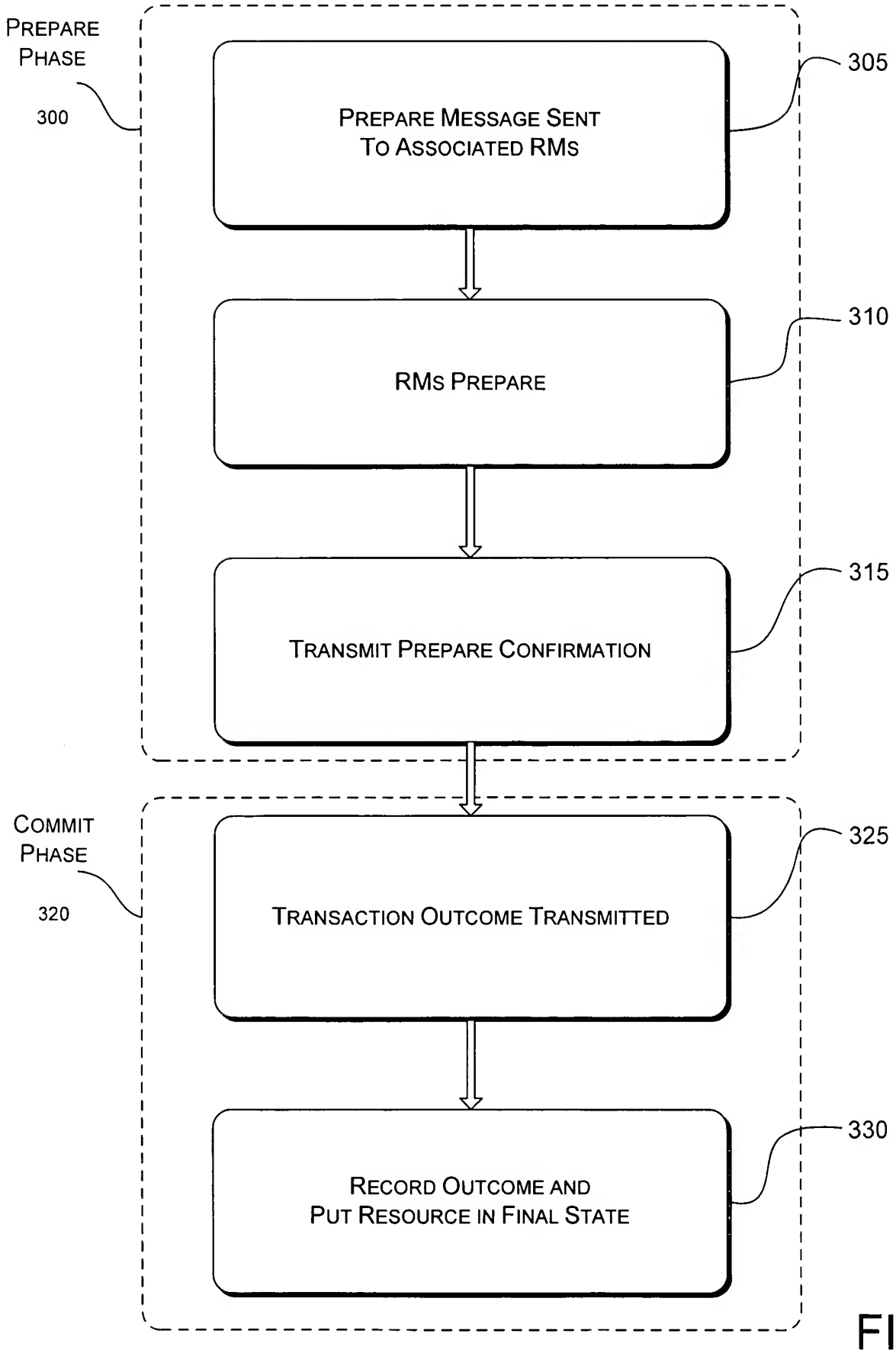
PREPARE PHASE
300
PREPARE MESSAGE SENT TO ASSOCIATED RMS
305
RMS PREPARE
310
TRANSMIT PREPARE CONFIRMATION
315
COMMIT PHASE
320
TRANSACTION OUTCOME TRANSMITTED
325
RECORD OUTCOME AND PUT RESOURCE IN FINAL STATE
330

FIG. 3

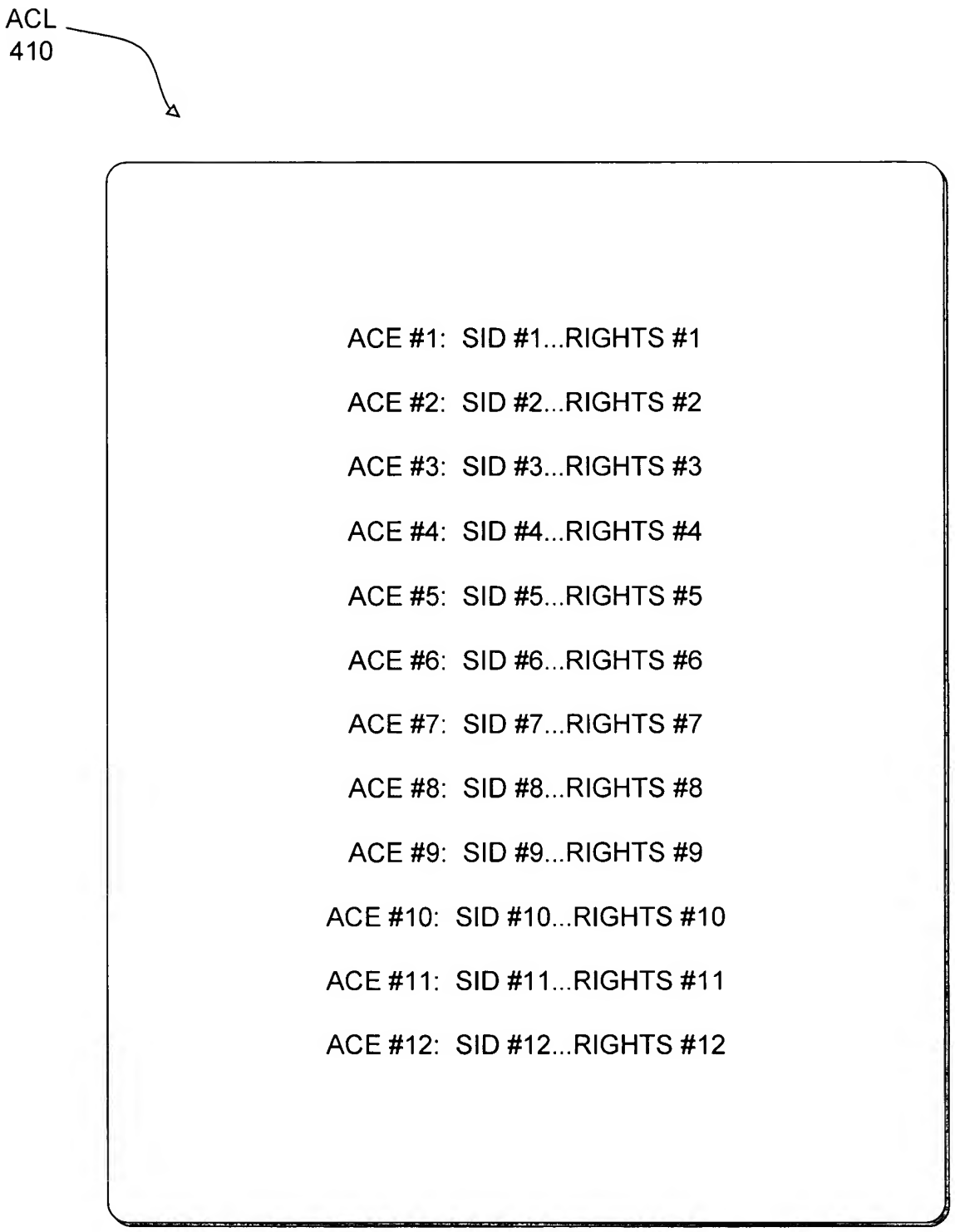
ACL
410
ACE #1: SID #1...RIGHTS #1
ACE #2: SID #2...RIGHTS #2
ACE #3: SID #3...RIGHTS #3
ACE #4: SID #4...RIGHTS #4
ACE #5: SID #5...RIGHTS #5
ACE #6: SID #6...RIGHTS #6
ACE #7: SID #7...RIGHTS #7
ACE #8: SID #8...RIGHTS #8
ACE #9: SID #9...RIGHTS #9
ACE #10: SID #10...RIGHTS #10
ACE #11: SID #11...RIGHTS #11
ACE #12: SID #12...RIGHTS #12

FIG. 4

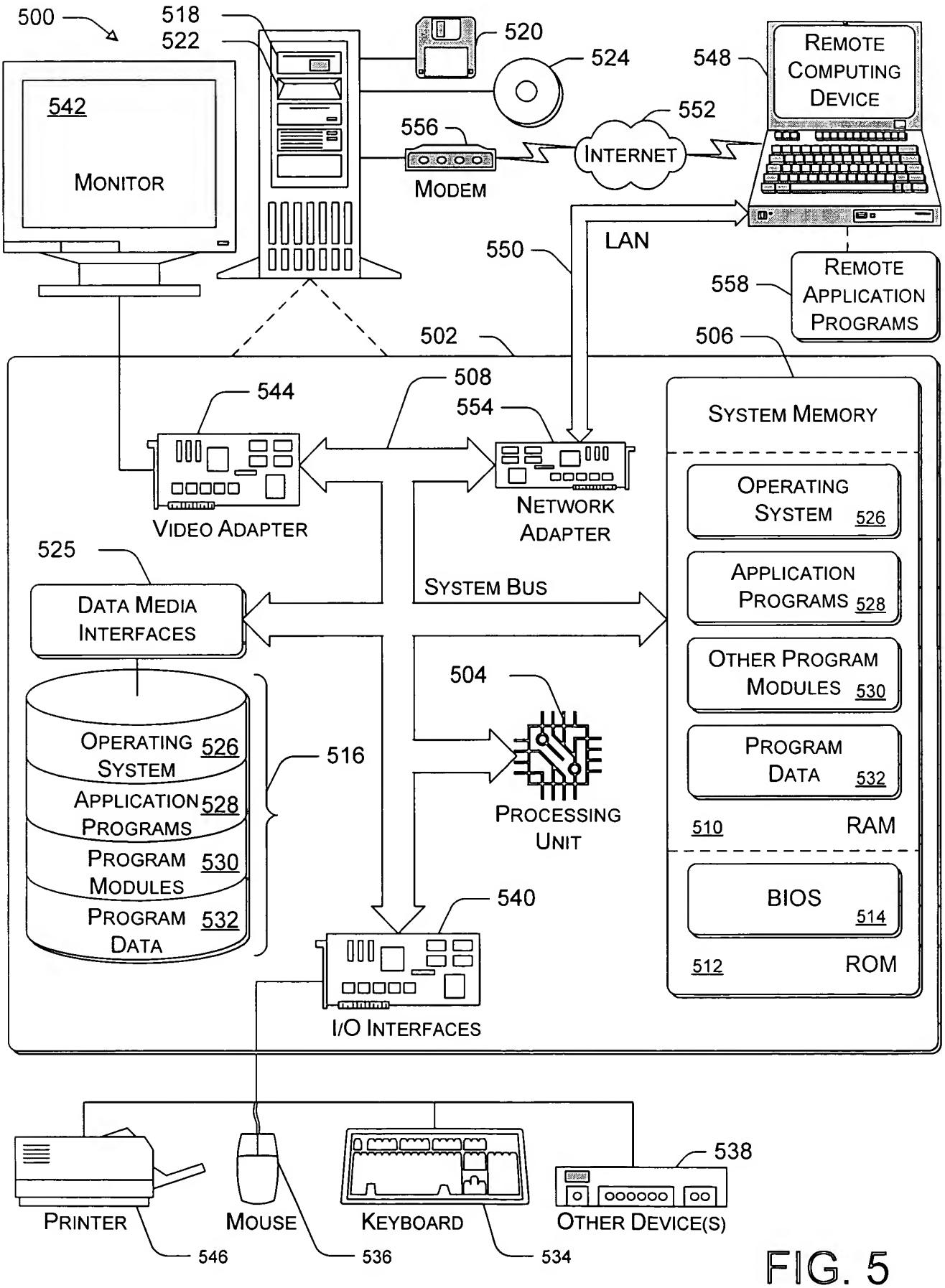
500
518
522
520
524
548
REMOTE COMPUTING DEVICE
542
MONITOR
552
556
INTERNET
MODEM
LAN
550
558
REMOTE APPLICATION PROGRAMS
502
506
544
508
554
SYSTEM MEMORY
VIDEO ADAPTER
NETWORK ADAPTER
OPERATING SYSTEM 526
525
SYSTEM BUS
APPLICATION PROGRAMS 528
DATA MEDIA INTERFACES
OTHER PROGRAM MODULES 530
504
516
PROGRAM DATA 532
PROCESSING UNIT
510
RAM
OPERATING SYSTEM 526
APPLICATION PROGRAMS 528
PROGRAM MODULES 530
PROGRAM DATA 532
BIOS 514
540
512
ROM
I/O INTERFACES
PRINTER
MOUSE
KEYBOARD
538
OTHER DEVICE(S)
546
536
534

FIG. 5